

I claim:

1. A method for reading a digital watermark in a media signal comprising:
assigning sets of media signal samples into classes;
computing a statistical distribution of the classes; and
5 using the statistical distribution to detect or read a watermark in the media signal.
2. The method of claim 1 wherein the media signal is an audio signal.
3. The method of claim 1 wherein the media signal is an image signal.
- 10 4. The method of claim 3 wherein the image samples are expressed in a frequency domain.
5. The method of claim 4 wherein the image samples are spatial frequency
15 coefficients.
6. The method of claim 1 wherein the samples are in a spatial or temporal domain.
- 20 7. The method of claim 1 wherein using the statistical distribution includes:
assigning a figure of merit to a sample indicating a likelihood that the sample
includes a recoverable portion of a watermark signal; and using the figure of merit in a
read operation.
- 25 8. The method of claim 7 wherein assigning a figure of merit includes assigning a
weight to the sample indicating an extent to which the sample is likely to reflect valid
watermark data.

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Case	Age	Sex	Duration	Site	Pathologic	Response	Survival
1	65	M	10 yr	Rectum	Adenocarcinoma	Complete	10 yr
2	68	M	12 yr	Rectum	Adenocarcinoma	Complete	12 yr
3	70	M	15 yr	Rectum	Adenocarcinoma	Complete	15 yr
4	72	M	18 yr	Rectum	Adenocarcinoma	Complete	18 yr
5	75	M	20 yr	Rectum	Adenocarcinoma	Complete	20 yr
6	78	M	22 yr	Rectum	Adenocarcinoma	Complete	22 yr
7	80	M	25 yr	Rectum	Adenocarcinoma	Complete	25 yr
8	82	M	28 yr	Rectum	Adenocarcinoma	Complete	28 yr
9	85	M	30 yr	Rectum	Adenocarcinoma	Complete	30 yr
10	88	M	32 yr	Rectum	Adenocarcinoma	Complete	32 yr
11	90	M	35 yr	Rectum	Adenocarcinoma	Complete	35 yr
12	92	M	38 yr	Rectum	Adenocarcinoma	Complete	38 yr
13	95	M	40 yr	Rectum	Adenocarcinoma	Complete	40 yr
14	98	M	42 yr	Rectum	Adenocarcinoma	Complete	42 yr
15	100	M	45 yr	Rectum	Adenocarcinoma	Complete	45 yr

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20. A computer readable medium on which is stored software for performing the method of claim 19.